

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

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**Date/Time:** 06/23/04 / 10:30 a.m.  
**Site Contact(s):** Chris Gilbreath/Sarah Roberts  
**Phone:** x7355/x3008  
**Regulatory Contact:** Denise Onyskiw  
**Phone:** x6687  
**Agency:** CDPHE

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**Purpose of Contact:** Radiological Criteria for Room 141 and Tank 728

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### Discussion

The removal of the Infinity Room floor, walls, and ceiling has been completed. The remaining structural components (trench walls and gravel beneath the floor slab) are greater than 6' below final grade. Therefore, the areas will be sampled to verify that surface contamination is less than 100 nCi/g and volumetric contamination is less than 7 nCi/g. The sampling methodology will be biased to target suspect areas (i.e., areas with the highest levels of contamination). Additional removal of concrete/gravel will be performed as necessary in order to meet these limits. Upon confirmation of compliance with the specified limits, the trench and gravel area shall be filled with concrete to existing grade.

Building 728 (also referred to as the "process waste pit") contains two 25,000 gallon tanks (T-292 and T-293) that collected the main plenum deluge water. Both tanks have been pumped to the extent practicable to remove residual water. Approximately 35,000 gallons were removed. Because the tanks are 12' deep and are considered a confined space, the remaining one-inch layer of water/sludge in each tank was remotely sampled. The results are less than 0.05 nCi/g. Piping entering the tanks within 3.5' of grade will be removed. Pipe openings below 3.5' of grade will be surveyed, grouted and mapped. The lower portions of the tanks (area 6' below final grade) will be backfilled with clean fill. The upper portions of the tank (areas within 6' of final grade) and the surrounding concrete structure shall be removed and disposed of as radiological waste.

Ms. Onyskiw agreed with the above approach.

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**Contact Record Prepared By:** Sarah Roberts

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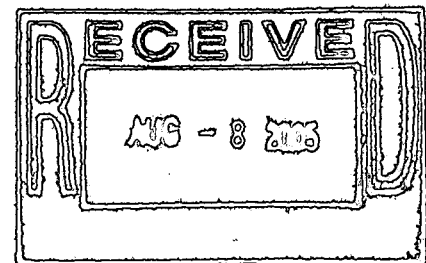
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